EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1005	(translat$5 convert$6 transform$6) same (EDI (electronic adj data adj interchange) XML (serialized adj object)) same (class$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 07:27
L2	178	L1 and "709"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:03
L3	252	L1 and "707"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:03
L4	162	L1 and "707"/$.ccls. and (API (application near4 interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:00
L5	6	L1 and "370"/$.ccls. and (API (application near4 interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:02
L6	0	L1 and "370"/$.ccls. and (firewall) same (port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:03
L7	14	L1 and "709"/$.ccls.and (firewall) same (port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:03
L8	0	L1 and "707"/$.ccls.and (firewall) same (port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 09:03
S1	2	"6222533".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 07:57

S2	2	"5596702".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 13:47
S3	2	"5339434".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 13:48
S4	2	"6066181".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 14:05
S5	14247	(asynchronous (document-based) (function-based) synchronous) near5 (API near3 call$5) and (XML) and (EDI) and (MIME) nad (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:05
S6	14247	((asynchronous (document-based)) near5 (API near3 call$5)) and (((function-based) synchronous) near5 (API near3 call$5)) and (XML) and (EDI) and (MIME) nad (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 14:12
S7	14247	((asynchronous (document-based)) near5 (API adj2 call$5)) and (((function-based) synchronous) near5 (API adj2 call$5)) and (XML) and (EDI) and (MIME) nad (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:04
S8	7	((asynchronous (document-based)) near5 (API adj2 call$5)) and (((function-based) synchronous) near5 (API adj2 call$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 14:14
S9	14329	(XML) and (EDI) and (MIME) nad (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:04
S10	2	(asynchronous (document-based) (function-based) synchronous) near5 (API near3 call$5) and (XML) and (EDI) and (MIME) and (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:04
S11	2	(XML) and (EDI) and (MIME) and (JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:05
S12	155	(deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:05

S13	18	(JAVA) and (exception) and (deprecation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:12
S14	2	(API) same (deprecation) near4 (notice status indication reply message)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:13
S15	197	(Translat$5 transcod$5 conver$5 chang$5) near7 (XML EDI JAVA) near5 (JAVA NEAR5 CLASS$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:16
S16	30	(Translat$5 transcod$5 conver$5 chang$5) near7 (XML EDI JAVA) near5 (JAVA NEAR5 CLASS$5) and (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:19
S17	0	(Translat$5 transcod$5 conver$5 chang$5) near7 (XML and EDI and JAVA) near5 (JAVA NEAR5 CLASS$5) and (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:47
S18	0	(XML and EDI and JAVA) near5 (JAVA NEAR5 CLASS$5) and (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:43
S19	0	(Translat$5 transcod$5 conver$5 chang$5) near7 (EDI) near5 (JAVA NEAR5 CLASS$5) and (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:51
S20	0	(EDI) near5 (JAVA NEAR5 CLASS$5) and (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 15:52
S21	1	(EDI) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 09:48
S22	119	(HTTPS) and ((firewall) same (open) near10 (port))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 16:43
S23	1	(NAPI) and (HAPI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 16:44

S24	9	(API) near5 (discard$5 destroy$5 depreciat$5 deprecat$5 disapprov$5) near5 (reply indicat$5 signal message)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 17:03
S25	0	(do should would must) near5 (apply use) near5 (API) near5 (method reply call)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 17:04
S26	4	(do should would must) near5 (apply use) near5 (API)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 17:05
S27	132	(authenticat$5 authoriz$5) near10 (API) near5 (request call method)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 17:06
S28	68	(authenticat$5 authoriz$5) near5 (API) near5 (request call method)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/26 17:08
S29	1	(09/306189) and cooper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:02
S30	2	"5329619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 14:36
S31	2	"5926636".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 07:53
S32	1	(09/682985) and (white)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 07:54
S33	1	(09/306189) and (cooper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:14
S34	141	(collabora$5) near5 (application) same (supply near3 chain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:15

EAST Search History

S35	105	(collabora$5) adj (application) same (supply near2 chain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 08:15
S36	24	(network) near5 (API near4 Call$5) same (system) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 14:50
S37	1	(serialized adj object adj format)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 14:36
S39	15	"709"/$.ccls. and (network) near5 (API near4 Call$5) same (system) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 15:01
S40	6	"719"/$.ccls. and (network) near5 (API near4 Call$5) same (system) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 15:02
S41	4	"370"/$.ccls. and (network) near5 (API near4 Call$5) same (system) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:48
S42	2	"5329619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 09:45
S43	2	"5329619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 11:14
S44	7	(broker) with (servlet) with (API LAPI HAPI LAPI NAPI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:47
S45	1	(broker) near5 (servlet) and (LAPI HAPI LAPI NAPI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:49
S46	2	(broker) near5 (servlet) near5 (s-HTTP HTTPS) same (API)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:50

S47	27	(broker)same(servlet) same (S-HTTP HTTPS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:40
S48	2	"5926636".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:48
S49	1	(broker)same(servlet) same (hub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 11:27
S50	6	(broker)same(servlet) same (hub gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:12
S51	9	(serial near2 object near2 format)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:40
S52	1065	(S-HTTP HTTPS SSL) same (port near3 ("80" "440"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:49
S53	626	(S-HTTP HTTPS SSL) near3 (port near3 ("80" "440"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:49
S54	623	(S-HTTP HTTPS) near3 (port near3 ("80" "440"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:18
S55	623	(HTTPS) near3 (port near3 ("80" "440"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:50
S56	578	(HTTPS) near3 port near3 ("80" "440")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:51
S57	110	(HTTPS) near3 port near3 ("443")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:58

S58	0	(HTTPS) near3 port near3 ("443") near3 (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:17
S59	0	(HTTPS) near3 port near3 ("443") same (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:16
S60	0	(HTTPS) near3 port near3 ("443") same (Mail near3 extension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:17
S61	321	(HTTPS) near3 (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:17
S62	190	(HTTPS) adj3 (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:22
S63	7	(S-HTTP) near3 (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:22
S64	4	(HTTPS) adj3 (MIME)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 14:38
S65	3	08/801508	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:42
S66	83	manugistics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 14:41
S67	2	"6621505".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:50
S68	2	"5884310".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:53

S69	23	(B2B) and (adapter) and (translat$5 conver$7) and (multiple near3 protocol) and (servlet API)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:54
S70	11	(HTTPS) near3 port near3 ("443") near5 (listen$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 07:39
S71	1	"709"/$.ccls. and (broker)same(servlet) same (hub gateway stub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:12
S72	0	11/188057	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:42
S73	1	11/189,057	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:42
S74	66	(serialized) near3 (object) near3 (class)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 07:39
S75	2	09/306189	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 07:57
S76	2	(network near3 API) same (hub near4 API)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 14:37
S77	38	(network) near5 (API near4 Call$5) same (system) near5 (API near4 Call$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 14:55
S78	2	"5329619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:08
S80	30	(application adj server) same servlet same ((WEB http) adj server) same framework	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:14

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S81	209	(application adj server) same servlet same ((WEB http) adj server) and framework	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:06
S82	130	servlet same broker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:07
S83	19	("5341477" | "5371852" | "5452459" | "5459837" | "5475819" | "5490252" | "5522042" | "5522070" | "5548724" | "5553239" | "5574903" | "5581552" | "5606493" | "5617570" | "5623601" | "5774660" | "5857102" | "5909542" | "6058424").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/13 16:58
S84	18	("5341477" | "5371852" | "5452459" | "5459837" | "5475819" | "5490252" | "5522042" | "5522070" | "5548724" | "5553239" | "5574903" | "5581552" | "5606493" | "5617570" | "5623601" | "5774660" | "5857102" | "5909542").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/14 07:34
S85	1479	713/152,168.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:54
S86	4	(API) near5 synchronous near7 invocation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:25
S87	2	"5339434".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:26
S88	2	"6066181".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:52
S89	176	serializ$5 near4 object$5 near3 format$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:39
S90	0	serializ$5 near4 object$5 near3 format$5 near5 (java near5 script)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:40
S91	1	serializ$5 near4 object$5 same (java near5 script)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:40
S92	130	servlet same broker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:54

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S93	5	713/152,168.ccls. and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:54
S94	357	"709"/$.ccls. and Hub and (broker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 15:46
S95	204	"709"/$.ccls. and Hub and (broker) and (XML EDI (electronic adj data adj interchange)(serialized near3 object))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 16:30
S96	16	("5530852" | "5710887" | "5758062" | "5774660" | "5796952" | "5897622" | "5901287" | "5913040" | "5915001" | "5940075" | "5968125" | "5974443" | "5983227" | "5995945" | "6028605" | "6118768").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:20
S97	98	"707"/$.ccls. and Hub and (broker) and (XML EDI (electronic adj data adj interchange)(serialized near3 object))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 07:23

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IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
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IEE CNF	IEE Conference Proceeding
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1 The case for design using the World Wide Web   ⊟

Mário J. Silva, Randy H. Katz
January 1995 **Proceedings of the 32nd ACM/IEEE conference on Design automation**
Publisher: ACM Press
Full text available: 📄 pdf(100.42 KB)   Additional Information: full citation, references, citings, index terms

2 Consensual trends for optimizing the constitution of middleware   ⊟

Stéphane Spahni, Jean-Raoul Scherrer, Dominique Sauquet, Pier-Angelo Sottile
October 1998 **ACM SIGCOMM Computer Communication Review**, Volume 28 Issue 5
Publisher: ACM Press
Full text available: 📄 pdf(1.19 MB)   Additional Information: full citation, abstract, index terms

> Middleware is now a commonly used expression and anyone building distributed applications is referring to "middleware services". Nevertheless this notion lacks of sound theoretical foundation. This paper tries to clarify the relationship between the components of the distributed environment, and establishes some classification aiming at gaining a common understanding of the functionality and interdependency of the existing modules of distributed environments.

> **Keywords**: OSI, hospital information system, middleware

3 Columns: Risks to the public in computers and related systems   ⊟

Peter G. Neumann
May 2000 **ACM SIGSOFT Software Engineering Notes**, Volume 25 Issue 3
Publisher: ACM Press
Full text available: 📄 pdf(1.11 MB)   Additional Information: full citation

4 Fast detection of communication patterns in distributed executions   ☐

Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press

Full text available: pdf(4.21 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

5 <u>Digital village: predatory disintermediation</u>

Hal Berghel
May 2000 **Communications of the ACM**, Volume 43 Issue 5
Publisher: ACM Press

Full text available: pdf(458.61 KB)
                   html(26.94 KB)   Additional Information: <u>full citation</u>, <u>citings</u>, <u>index terms</u>

6 <u>High performance adaptive middleware for CORBA-based systems</u>

E-Kai Shen, Shikharesh Majumdar, Istabrak Abdul-Fatah
July 2000 **Proceedings of the nineteenth annual ACM symposium on Principles of distributed computing**
Publisher: ACM Press

Full text available: pdf(1.48 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Middleware provides inter-operability and transparent location of servers in a heterogeneous distributed environment. A careful design of the middleware software is required however for achieving high performance. This research proposes an adaptive middleware architecture for CORBA-based systems. The adaptive middleware agent that maps an object name to the object reference has two modes of operations. In the handle-driven mode it returns a reference for the requested object to the ...

Keywords: CORBA performance, adaptive middleware architectures, distributed system performance, high performance middleware, middleware performance

7 <u>Interactive visualisation of a travel itinerary</u>

Mark Apperley, Dale Fletcher, Bill Rogers, Kirsten Thomson
May 2000 **Proceedings of the working conference on Advanced visual interfaces**
Publisher: ACM Press

Full text available: pdf(824.84 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

We demonstrate a graphic visualisation of a travel itinerary, with special emphasis on time and time zones. A traditional itinerary is a text document, detailing locations, and arrival and departure times for travel and accommodation. It is usually written in diary form, showing the sequence of events to be followed on a trip. Many questions can be answered easily from such an itinerary. What time should the traveler check in at the airport? Which country are they visiting on a particular d ...

Keywords: CSCW, HCI, collaboration, interface, itinerary, visualisation

8 <u>Implementing shared manufacturing services on the World-Wide Web</u>

J. W. Erkes, K. B. Kenny, J. W. Lewis, B. D. Sarachan, M. W. Sobolewski, R. N. Sum
February 1996 **Communications of the ACM**, Volume 39 Issue 2

Publisher: ACM Press
Full text available: pdf(404.10 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

9 <u>Managing knowledge for strategic advantage in the virtual organisation</u>   ☐
Janice Burn, Peter Marshall, Martyn Wild
April 1999 **Proceedings of the 1999 ACM SIGCPR conference on Computer personnel
                  research**
Publisher: ACM Press
Full text available: pdf(775.26 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

10 <u>Risks to the public in computers and related systems</u>   ☐
Peter G. Neumann
January 1987 **ACM SIGSOFT Software Engineering Notes**, Volume 12 Issue 1
Publisher: ACM Press
Full text available: pdf(1.91 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>

   The RISKS Forum in *Software Engineering Notes* does not limit itself just to software
   problems (let alone software engineering) because the risks we discuss don't either. Thus
   the topic demands a broad perspective.

11 <u>Visualising and debugging distributed multi-agent systems</u>   ☐
Divine T. Ndumu, Hyacinth S. Nwana, Lyndon C. Lee, Jaron C. Collis
April 1999 **Proceedings of the third annual conference on Autonomous Agents**
Publisher: ACM Press
Full text available: pdf(1.14 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

12 <u>Information retrieval on the web</u>   ☐
Mei Kobayashi, Koichi Takeda
June 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 2
Publisher: ACM Press
Full text available: pdf(213.89 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index
                                          terms</u>

   In this paper we review studies of the growth of the Internet and technologies that are
   useful for information search and retrieval on the Web. We present data on the Internet
   from several different sources, e.g., current as well as projected number of users, hosts,
   and Web sites. Although numerical figures vary, overall trends cited by the sources are
   consistent and point to exponential growth in the past and in the coming decade. Hence it
   is not surprising that about 85% of Internet user ...

   Keywords: Internet, World Wide Web, clustering, indexing, information retrieval,
   knowledge management, search engine

13 <u>Component framework infrastructure for virtual environments</u>   ☐
Manuel Oliveira, Jon Crowcroft, Mel Slater
September 2000 **Proceedings of the third international conference on Collaborative
                  virtual environments**
Publisher: ACM Press
Full text available: pdf(1.14 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

terms

Virtual Environments (VE) present a complex problem with interesting non-trivial challenges for system development, in particular when the VE is distributed and shared amongst multiple participants. Most problems are common to any VE system, however the development effort is replicated because current systems are neither evolutionary nor allow integration of code across different systems. This paper presents the Java Adaptive Dynamic Environment (JADE), which consists of a light- ...

Keywords: components, framework, java, virtual environments, virtual reality, vrtp

14 The Workstation Resource Center at Temple University

Susan Foster, Douglas Walton

September 1986 **Proceedings of the 14th annual ACM SIGUCCS conference on User services: setting the direction**

Publisher: ACM Press

Full text available: pdf(139.46 KB)   Additional Information: full citation, index terms

15 The envoy framework: an open architecture for agents

Murugappan Palaniappan, Nicole Yankelovich, George Fitzmaurice, Anne Loomis, Bernard Haan, James Coombs, Norman Meyrowitz

July 1992 **ACM Transactions on Information Systems (TOIS)**, Volume 10 Issue 3

Publisher: ACM Press

Full text available: pdf(2.47 MB)   Additional Information: full citation, abstract, references, citings, index terms

The Envoy Framework addresses a need for computer-based assistants or agents that operate in conjunction with users' existing applications, helping them perform tedious, repetitive, or time-consuming tasks more easily and efficiently. Envoys carry out missions for users by invoking envoy-aware applications called operatives and inform users of mission results via envoy-aware applications called informers. The distributed, open architecture developed for Envoys is derived from an analysis of ...

Keywords: application programmer interface, user agent

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